

In the Claims

1. (once amended) A pseudolite for a positioning system (PS), said positioning system having several orbiting PS satellites transmitting respective PS signals, each one of said PS signals having an identification for a one of said PS satellites transmitting said one of said PS signals and location-determination information corresponding to a location-in-space for said one of said PS satellites transmitting said one of said PS signals, the pseudolite comprising:

an availability calculator for determining unreceivable ones of said PS satellites;

an identification selector coupled to the availability calculator for selecting a particular one of said identifications corresponding to a particular one of said unreceivable PS satellites; and

a transmitter coupled to the [PS satellite]identification selector for transmitting a pseudo PS signal having said particular identification and location-determination information corresponding to a geographical location of the pseudolite.

13. (once amended) The method of claim 11, wherein:

the step of determining said out-of-view PS satellites includes determining said out-of-view PS satellites based upon location and height of a local obstruction.